

DRAFT DELTA PLAN OUTLINE

Revised January 13, 2011

EXECUTIVE SUMMARY

Delta: Critical to Delta Residents and California

Existing and Impending Risks to the Delta and California

Existing and Future Drivers of Change

Description of the Delta Plan

Achieving the Coequal Goals for the Delta and California Through the Delta Plan

Purpose and Use of the Delta Plan

CHAPTER 1: BACKGROUND AND NEED FOR THE DELTA PLAN

Delta: Critical to Delta Residents and California

Findings

Existing and Impending Risks to the Delta and California

Existing and Impending Risks to Reliable California Water Supplies

Existing and Impending Risks to the Delta Ecosystem

Existing and Impending Risks to Unique Cultural, Recreational, Natural Resources,
and Agricultural Values of the Delta

Challenges and Opportunities to Development of the Delta Plan

CHAPTER 2: PURPOSE AND USE OF THE DELTA PLAN

Implementation of the Coequal Goals and Objectives

List of Statutory Coequal Goals and Objectives

Use of Delta Plan for Common Planning Purposes

Geographical Area Affected by the Delta Plan

Use of the Delta Plan by Delta Stewardship Council and Other Agencies

Implementation Horizons for Delta Plan Objectives

Initial Five Years

Near Term (by 2025)

Mid-Century (by 2050)

Long Term (by 2100)

Review and Update Process

DRAFT DELTA PLAN OUTLINE - continued

CHAPTER 3: ORGANIZATION OF THE DELTA PLAN

Combining Statutory Objectives into Six Categories

Water Resources Objectives: Manage water resources of the state over the long term;
Promote statewide conservation, water use efficiency, and sustainable water use;
Improve the water conveyance system and expand statewide water storage

Restore the Delta ecosystem, including its fisheries and wildlife, as the heart of a healthy estuary and wetland ecosystem

Improve water quality to protect human health and the environment consistent with achieving water quality objectives

Reduce risks to people, property, and state interests in the delta by effective emergency preparedness, appropriate land uses, and investments in flood protection

Protect and enhance the unique cultural, recreational, and agricultural values of the California Delta as an evolving place

Establish a new governance structure with the authority, responsibility, accountability, scientific support, and adequate and secure funding to achieve these objectives

Definitions

Coequal Goals

Objectives

Findings

Strategies

Performance Measures, Targets, and Monitoring

Water Supply Reliability

Best Available Science

Best Engineering Practices (including life-cycle planning)

Adaptive Management

CHAPTER 4: DEVELOPMENT OF DELTA PLAN

Inclusion of Science, Engineering, and Adaptive Management

Use of Best Available Science

Use of Best Engineering Practices (including consideration of life cycle values and regulatory requirements)

Inclusion and Consideration of Other Plans Identified in SBX7 1

Adopted or Completed Plans

Plans Under Development (including Bay Development and Conservation Plan)

Regulations and Legal Requirements that Affect the Delta

Alternatives Considered during Development of Delta Plan [*to be completed following Scoping Process*]

Range of Alternatives

DRAFT DELTA PLAN OUTLINE - continued

CHAPTER 5: MANAGE WATER RESOURCES: Manage Water Resources of the State over the Long Term; Promote Statewide Conservation, Water Use Efficiency, and Sustainable Water Use; Improve the Water Conveyance System and Expand Statewide Water Storage

Coequal Goals

Objectives

Findings

Strategies, Performance Measures, and Targets to Achieve Objectives

CHAPTER 6: RESTORE DELTA ECOSYSTEM: Restore the Delta Ecosystem, including its Fisheries and Wildlife, as the Heart of a Healthy Estuary and Wetland Ecosystem

Coequal Goals

Objectives

Findings

Strategies, Performance Measures, and Targets to Achieve Objectives

CHAPTER 7: IMPROVE WATER QUALITY: To Protect Human Health and the Environment Consistent with Achieving Water Quality Objectives

Coequal Goals

Objectives

Findings

Strategies, Performance Measures, and Targets to Achieve Objectives

CHAPTER 8: REDUCE RISKS: To People, Property, and State Interests in the Delta by Effective Emergency Preparedness, Appropriate Land Uses, and Investments in Flood Protection

Coequal Goals

Objectives

Findings

Strategies, Performance Measures, and Targets to Achieve Objectives

CHAPTER 9: PROTECT AND ENHANCE THE UNIQUE CULTURAL, RECREATIONAL, AND AGRICULTURAL VALUES OF THE CALIFORNIA DELTA AS AN EVOLVING PLACE

Coequal Goals

Objectives

Findings

Strategies, Performance Measures, and Targets to Achieve Objectives

DRAFT DELTA PLAN OUTLINE - continued

CHAPTER 10: GOVERNANCE PLAN TO SUPPORT COEQUAL GOALS

Implementation to Achieve Coequal Goals and Policy Objectives

Implementation by Delta Stewardship Council

Recommendations to Other Agencies

Recommendations to the Legislature

Delta Stewardship Council Authorities and Procedures

Performance Measures and Targets with Monitoring and Evaluation for Strategies

Use of Best Available Science and Other Best Practices

Monitoring and Evaluation

Analysis, Synthesis, Communication

Consequences for Not Achieving Strategies

Adaptive Management Decision Making Process

Basis for Findings of Consistency

Communications Plan to Implement the Delta Plan

Review Process

Five-Year Review Process in Accordance with SBX7 1

Policy to Provide for Interim Review Process (less than five year periods)

DRAFT DELTA PLAN OUTLINE - continued

CHAPTER 11: FINANCE PLAN TO SUPPORT COEQUAL GOALS

Introduction

- Purpose - Finance Plan that Achieve Coequal Goals
- Approach to Finance Plan
- Scope of Finance Plan
- Integration with Other Programs

Background

- Historical Expenditures for Water Resources, Flood Management, Ecosystem, Recreation, and Community Support
- Existing State Financial Condition
- Transition from CALFED

Guiding Principles

Financing Needs

- First Five Years
- Near Term (2025)
- Mid-Century (2050)
- Long Term (2100)

Existing Funding Sources and Funding Challenge

Potential Funding Sources

- Approaches by Other Major Programs
- Capital Funding
 - Federal
 - State Bonds (GO and Revenue)
 - Private, Charitable Foundations
 - Local
- Operations and Maintenance Funding
 - User Charges for Water
 - General Fund
 - Fines and Forfeitures
 - Reallocation/Efficiencies
 - Carbon Offsets
 - Other Charges/Fees
 - Water Marketing Fees
 - Stressor Charges
 - Public Goods Charges

DRAFT DELTA PLAN OUTLINE - continued

Recommended Financing Strategy

Economic Impacts to the State

CHAPTER 12: DELTA PLAN: INTEGRATION OF STRATEGIES, PERFORMANCE MEASURES AND TARGETS, AND ADAPTIVE MANAGEMENT TO ACCOMPLISH COEQUAL GOALS AND OBJECTIVES

Integration of Strategies to Accomplish Multiple Objectives

Inclusion of Science, Engineering, and Adaptive Management

Continued Use of Best Available Science

Continued Use of Best Engineering Practices (including consideration of life cycle values and regulatory requirements)

Incorporation of Data during Implementation of Delta Plan

Use of Adaptive Management

First Five Years

Implementation Actions by Delta Stewardship Council

Implementation Actions by Other Agencies

Need for Legislative Actions

Illustrative Maps

Near Term Implementation (by 2025)

Implementation Actions by Delta Stewardship Council

Implementation Actions by Other Agencies

Need for Legislative Actions

Illustrative Maps

Mid-Century Implementation (by 2050)

Implementation Actions by Delta Stewardship Council

Implementation Actions by Other Agencies

Need for Legislative Actions

Illustrative Maps

Long Term Implementation (by 2100)

Implementation Actions by Delta Stewardship Council

Implementation Actions by Other Agencies

Need for Legislative Actions

Illustrative Maps

DRAFT DELTA PLAN OUTLINE - continued

REFERENCES AND LITERATURE CITED

APPENDICES

Science and Adaptive Management Approach
Independent Science Board Reviews
Considerations for Best Available Science
Historical, Existing, and Projected Risks to the Delta
Consideration of Delta Vision Strategies
Examples or Case Studies - including Illustrative Maps
Others as Needed

Definitions Used in Delta Plan Outline

Coequal Goals: Defined by Water Code 85054 - "Coequal goals" means the two goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The coequal goals shall be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place.

Coequal goals are further defined in Sections 85054, 85020, 85021, 85022(c), and 85023 of the Water Code.

Objective: Desired results that are tangible, precise, and measurable that promotes long-term vision and/or supports short-term incentives.

Finding: A conclusion reached after examination or investigation.

Strategy: A plan or approach to accomplish a goal or objective.

SBX7 1 Requires the Council to also include the following in the Delta Plan :

Performance Measure: Metric that is data-oriented, quantifiable, and collectable to determine progress for successful implementation of a strategy.

Target: Achievable and quantifiable metric or level of performance to be achieved in a specific time period for successful implementation of a strategy.